

INTERNATIONAL SEARCH REPORT

PCT/US2004/015136

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K14/705

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, Sequence Search, WPI Data, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/064631 A (ADLER JON ELLIOTT ; LI XIAODONG (US); SENOMYX INC (US); O'CONNELL SHAW) 22 August 2002 (2002-08-22) sequences ID, NO3, AND, 4	1-5, 8-14, 17, 20-39, 42-67, 70-72
X	WO 02/30981 A (PE CORP NY) 18 April 2002 (2002-04-18) sequences ID, NO. 1, 2	1-5, 8-14, 17, 20-39, 42-67, 70-72

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

22 October 2004

Date of mailing of the international search report

18. 02. 2005

Name and mailing address of the ISA

European Patent Office, P.O. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Stoyanov, B

INTERNATIONAL SEARCH REPORT

PCT/US2004/015136

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
4-5, 14, 17, 39, 67 (completely); 1-3, 8-13, 20-38, 42-66
70-72 (only partially)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

PCT/US2004/015136

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02064631	A	22-08-2002	AU 4008601 A	17-09-2001
			CA 2402214 A1	13-09-2001
			CA 2433514 A1	22-08-2002
			DE 01914732 T1	15-04-2004
			EP 1309606 A1	14-05-2003
			EP 1430083 A2	23-06-2004
			JP 2004513608 T	13-05-2004
			NO 20024276 A	06-11-2002
			NO 20033030 A	14-08-2003
			WO 0166563 A2	13-09-2001
			WO 02064631 A2	22-08-2002
			US 2003054448 A1	20-03-2003
			US 2004191805 A1	30-09-2004
			US 2004171042 A1	02-09-2004
			US 2004132075 A1	08-07-2004
			US 2004209286 A1	21-10-2004
			US 2004229239 A1	18-11-2004
			US 2003008344 A1	09-01-2003
WO 0230981	A	18-04-2002	AU 4358401 A	22-04-2002
			CA 2424821 A1	18-04-2002
			EP 1326891 A1	16-07-2003
			JP 2004532607 T	28-10-2004
			WO 0230981 A1	18-04-2002
			US 2003036089 A1	20-02-2003
GB 2364058	A	16-01-2002	NONE	